

Title (en)

Method for controlling the cell number in a polyurethane foam

Title (de)

Verfahren zur Steuerung der Zellenzahl in Polyurethan-Schaumstoffen

Title (fr)

Procédé de contrôle du nombre de cellules dans des mousses de polyuréthane

Publication

**EP 0686467 A1 19951213 (DE)**

Application

**EP 95108170 A 19950529**

Priority

DE 4420168 A 19940609

Abstract (en)

PU foam is produced by mixing a polyol with an isocyanate, blowing agent and other ingredients. The number of cells is controlled by dispersing gas bubbles in one of the liquid components between the mixing head (1) and metering pump (3). Claimed process equipment comprises metering pumps (2,3) for isocyanate and polyol, low pressure mixing head (1), gas dispersion unit (5) between the mixing head (1) and one metering pump (3) and a means (6) for feeding gas to the dispersing unit (5). <IMAGE>

Abstract (de)

Ein Verfahren und eine Vorrichtung zur Herstellung von Polyurethan-Schaum mit geregelter Zellenzahl, bei denen die Dispergierung von Gas (6) in einer der Komponenten Polyol oder Isocyanat in einer Dispergiervorrichtung (5) zwischen Mischkopf (1) und Dosierpumpe (3) für die jeweilige Komponente erfolgt. <IMAGE>

IPC 1-7

**B29B 7/76**

IPC 8 full level

**B29B 7/76** (2006.01); **B29K 75/00** (2006.01); **B29K 105/04** (2006.01)

CPC (source: EP US)

**B29B 7/7414** (2013.01 - EP US); **B29B 7/7433** (2013.01 - EP US); **B29C 67/246** (2013.01 - EP US); **Y10S 521/917** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

**EP 0686467 A1 19951213**; DE 4420168 C1 19960208; JP H07329057 A 19951219; NO 952260 D0 19950608; NO 952260 L 19951211; US 5521224 A 19960528

DOCDB simple family (application)

**EP 95108170 A 19950529**; DE 4420168 A 19940609; JP 16310695 A 19950607; NO 952260 A 19950608; US 45384595 A 19950530